



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-295014  
Lot Number: SAMPLE  
Product Name: Gly-Gly amide hydrochloride  
CAS Number: 16438-42-9  
Molecular Formula:  $C_4H_9N_3O_2 \cdot HCl$   
Molecular Weight: 167.59

Test	Specification	Result
Appearance		White crystals
Assay (Elemental Analysis)		99.4%(Nth 25.07%, Nfd: 24.91%)
Identification (Mass Spectrometry - ESI)		M = 131.0 u(average mass)
Purity (TLC)		> 99%
TLC		Complies
Solubility		Clar colorless solution at 50 mg/ml in methanol 50%
Carbon Content	28.7%	28.5%
Chloride		21.2% (by $AgNO_3$ Titration)
Hydrogen Content	6.0%	Complies
Nitrogen Content	25.1%	24.9%
Water Content (KF)		0.1%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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